

What is claimed is:

1. An electromagnetic counter comprising:

a case,

an electromagnet disposed in the case,

5 an anchor disposed adjacent to the electromagnet to be rotatable through magnetization and demagnetization of the electromagnet,

a number wheel connected to the anchor and rotating at a predetermined angle according to a rotation of the anchor, and

10 a flexible board disposed in the case and having a light emitting diode for illuminating the number wheel.

2. An electromagnetic counter according to claim 1, wherein said case includes a frame member equipped with the electromagnet, 15 the anchor and the number wheel, and a cover member for covering the frame member, said flexible board being arranged in a confined space between the frame member and the cover member.

3. An electromagnetic counter according to claim 2, wherein said 20 frame member includes a notched portion for retaining the light emitting diode, said flexible board being attached to a surface of the frame member.

4. An electromagnetic counter according to claim 3, further 25 comprising a circuit board formed on one side of the frame member where the electromagnetic counter is attached.

5. An electromagnetic counter according to claim 4, wherein said cover member includes an opening for inserting the frame member, 30 and said frame member includes a base section for closing the

opening, and two side sections extending from two sides of the base section to form a U-shape so that the electromagnet, the anchor and the number wheel are disposed between the two side sections; said electromagnet includes a connection terminal protruding outward through the base section; and said flexible board is attached to one of the side sections, and includes an end section protruding outside the base section and an end terminal section formed of a printed wiring connected to the light emitting diode at the end section thereof, said end terminal being fixed to wiring of the circuit board.

6. An electromagnetic counter according to claim 3, wherein said cover member includes an opening for inserting the frame member, and said frame member includes a groove, a base section closing the opening, and two side sections extending from two sides of the base section so that the electromagnet, the anchor and the number wheel are disposed between the two side sections, said flexible board being attached to one of the side sections and having a printed wiring and a wiring engaging the groove and connected to the printed wiring.

7. An electromagnetic counter according to claim 1, wherein said light emitting diode includes a plurality of light emitting diodes illuminating different colors.

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